

DAFTAR PUSTAKA

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- Atmadja, S. 2005. Peran pertanda tulang pada pengelolaan osteoporosis. Simposium Pendidikan berkesinambungan Patologi klinik. Jakarta.
- Anderson PH, Rebecca KS, Alison JM, May BK, O'Loughlin PD, Morris HA. 2008. Vitamin D depletion induces RANK-mediated osteoclastogenesis and bone loss in a rodent model. *J Bone Miner Res.* 23 (11):1789-1797.
- Anggraini, W. 2008. Fitoestrogen Sebagai Alternatif Alami Terapi Sulih Hormon untuk Pengobatan Osteoporosis Primer pada Wanita Pascamenopause. *M.I. Kedokteran Gigi.* Vol. 23 No. 1
- Ardani BP. 2014. Pencegahan Osteoporosis dengan Pemberian Ekstrak Cikal Tulang (*Cissus quadrangularis*) pada Tikus Putih (*Rattus norvegicus*) Betina Ovariectomi Berdasarkan Jumlah Osteoblas, Osteoklas, dan ketebalan Trabekula Tulang Mandibula [Skripsi]. Fakultas Kedokteran Hewan Universitas Airlangga. Surabaya.
- Ballenger L. 2001. *Rattus norvegicus.* *Animal Diversity Web.* http://animaldiversity.org/site/accounts/information/Rattus_norvegicus.html. [2004]
- Bolland MJ, Avenell A, Baron JA, Grey A, MacLennan GS, Gamble GD, et al. 2010. Effect of calcium supplements on risk of myocardial infarction and cardiovascular events: meta-analysis, *British Medical Journal:* 341:c3691.
- Bracamont, M.P. and Miller, V.M. 2001. Vascular Effects of Estrogens : Arterial Protection Versus Venous Thrombotic Risk. *J. Trend Endocrinol Metab.* 12. 204-209
- Cano, A, Van Baal, and W.M. 2001. The Mechanisms of Thrombotic Risk Induced by Hormone Replacement Therapy. *J. maturitas.* 40.14-38

- Carter, M. A. 1992. Fraktur dan Dislokasi. Dalam Patofisiologi Konsep Klinis Proses-proses Penyakit. S. A Price dan L.M. Wilson. EGC. Penerbit Buku Kedokteran. Jakarta. 1175-1181
- Chan, E.L.P. and R. Swaminathan. 1998. Calcium metabolism and bone calcium content in normal and oophorectomized rats consuming various levels of saline for 12 months. *J Nutr* 128:633 - 639
- Combaret L, Taillandier D, Dardevet D, Bechet D, Ralliere C, Claustre A, Grizard J, Attaix D. 2004. Glucocorticoids regulate mRNA levels for subunits of the 19 S regulatory complex of the 26 S proteasome in fast-twitch skeletal muscles. *J Biochem* 378:239-246.
- Cortez, B.P., C.A. Lawndale (US), L. Hinggorani, K. West (IN); V. Thawani, C. Town (IN). 2005. Use Of The Plant *Cissus Quadrangularis* Or Its Extract For Osteo-Health Including Prevention Or Mitigation Of Degenerative Disease, Fracture Healing And Anabolic Increase In Osteo Tissues. Chicago, IL 60661 (US).
- Darmadi, Didik., Nurdiana., Eviana N. 2011. Efek Ekstrak Kacang Tunggak terhadap Osteoblas dan Osteoklas pada Tikus dengan Ovariectomi. *Jurnal Kedokteran Brawijaya*, Vol. 26, No.3
- Cushman, M. 2002. Effects of Hormone Replace Therapy and Estrogen Receptor Modulators on Markers of Inflammation and Coagulation. *J. Cardior*
- Dempster DW, Birehman R, Xu R, Lindsay R, Shen V. 1995. Temporal changes in cancellous bone structure of rats immediately after ovariectomy. *Bone* 16 (1):157-161.
- Djojosoebagio, S. 1990. Fisiologi Kelenjar Endokrin. Departemen Pendidikan dan Kebudayaan. Direktorat Jendral Pendidikan Tinggi. Pusat Antar Universitas Ilmu Hayati IPB Bogor. 162.

- Djuwita, Ita., Irma A.P., Adi W., Mustafa S. 2012. Proliferasi dan Diferensiasi Sel Tulang Tikus Dalam Medium Kultur In Vitro yang Mengandung Ekstrak Batang *Cissus quadrangula* Salisb. (Sipatah-patah). Jurnal Kedokteran Hewan Fakultas Kedokteran Hewan Institut Pertanian Bogor Vol. 6 No. 2.
- Elsevier Science Publisher. 1993. Principle of Laboratory Animal Science : A Contribution to The Human Use and Care of Animal and to The Quality of Experimental Results, Amsterdam. The Netherlands. 26-29.
- Enechi, O.C., I. Odonwodo. 2003. An Assessment of the Phytochemical and Nutrient Composition of the Pulverized Root of *Cissus quadrangularis*. Journal of Biomedical Research; 1:63-68.
- Eriksen EF, Axelrod DW, Melsen F. 1994. Bone histomorphometry. New York:Raven press. hlm.1-54.
- Favus MJ. 1993. Primary on the metabolic bone disease and disorder of mineral metabolism. New York : Raven 3-9 and 34-40.
- Firmansyah, I. 2005. Gambaran Histopatologik Tulang Femur Tikus Putih (*Rattus Norvegicus*) Betina Pasca Ovariohisterektomi Dengan Suplemen Kalsium Karbonat Dosis Tinggi [Skripsi]. Fakultas Kedokteran Hewan Universitas Airlangga. Surabaya.
- Flecknell, P.A. 1987. Laboratory Animal Anaesthesia. Academic Press. Harcourt Brace Jovanovich. Publisher. 90-91.
- Gass R, and Neff M. 1995. Prevention of menopausal osteoporosis. *Schiweiz Med Wochenschr* 125(34):1538-1591.
- Genant HK, Bay Link DJ, and Gallagher JC. 1998. Estrogens in the prevention of osteoporosis in postmenopausal women. *Am J Obs and Gyn* 161:1842-1846.

- Gunawan, Stefanus. 2012. Pengaruh Pemberian Ekstrak Etanol Biji Kakao (*Theobroma cacao* L.) terhadap Jumlah Sel Osteoklas Tulang Tibia Tikus Putih (*Rattus norvegicus*) Pasca Ovariectomi [Tugas Akhir]. Fakultas Kedokteran. Universitas Brawijaya. Malang
- Hartiningsih, Devita A, dan Irkham W. 2010. Pengaruh Panhisterektomi dan Konsumsi Suplemen 1,25 Dihidroksivitamin D3 Selama 1,5 Bulan terhadap Retensi Kalsium pada Tikus Wistar. Lembaga Penelitian Universitas Gadjah Mada.
- Junqueira, L. C. 1997. Histologi Dasar. Edisi VIII. EGC. Jakarta.
- Junqueira, L.C., dan Carneiro, J., 2005, Basic Histology, Chapter 9: Nerve Tissue and Nervous System, 11th ed., Mc Graw Hill Companies.
- Kalu DN, Elena S, Chung-Ching L, Fabrizio F, Arjmandi BH, Mohammed A. Salih. 1993. Ovariectomy-induced bone loss and the hematopoietic system. *Bone and Mineral* 23:145-161.
- Karaman YR, Agung PWM, dan Aulanni'am. 2012. Gambaran Histologis Tulang Vertebrae dan Profil Hormon Estrogen pada Tikus Putih (*Rattus norvegicus*) Ovariectomi Setelah Mendapat Terapi Tepung Tulang Ikan Tuna Madidihang (*Tunnus Albacares*). Universitas Brawijaya. Malang
- Kimmel, D. B. 1996. Animal Models for in Vivo Experimentation in Osteoporosis Research. In *Osteoporosis*. Marcus, R., D. Feldman, and J. Kelsey (Eds.). Academic Press, London
- Kusningrum, R.S. 2008. Perancangan Percobaan. Airlangga University Press. Surabaya. 43.
- Kusumawati, D. 2004. Bersahabat Dengan Hewan Coba. Gadjah Mada University Press. Yogyakarta. 8-10; 36; 50.

- Kutten, F, Gerson, M, and, de Ligneris, B. 2002. Effects of Hormone Replacement Therapy in Menopause on Cardio Vascular Risk. Need for A European Study. J. LA. French, Presse Med. 31. 468-475
- Lee CJ, Kanis JA. 1994. An association between osteoporosis and premenstrual symptoms and postmenopausal symptoms. J Bone Miner 24:127-134.
- Lesson, T. S., C. R. Lesson and A. A. Taparo. 1996. Buku Ajar Histologi. Cetakan VI. EGC. Jakarta.
- Linder, M.C. 1992. Nutritional Biochemistri and Metabolism With Clinical Aplication. Elsvier. New York. 248-258.
- Luyer, M.D, Khosla, S, Owen, W.G, and Miller, V.M. 2001. Prospective Randomized Study of Effects of Unoppused Estrogen Replacement Therapy on Markers of Coagulation and Inflamation in Post Menopousal Women. J. clin Endrocinol Metab. 86 (8). 3629-3634
- Magetsari R. 1999. Osteoporosis pada wanita pascamenopause. Seminar Bahagia Menjelang dan Sesudah Menopause, Yogyakarta. hlm. 27-33.
- Mildred, S, Seelig, M.D, Burton, M, Altura and Bella, T. 2004. Benefits and Risks of Sex Hormone Replacement in Post Menomausal Women. J American College of Nutrition. 23 (5). Published by The American College of Nutrition.
- Miller LC, Weaver DS, McAllister JA, Koritnik DR. 1986. Effect of ovariectomy on vertebral trabecular bone in the cynomolgus monkey (*Macaca fascicularis*). Calcif Tissue Int 38:62-65.
- Mustafa, S. 2011. Aktivitas Ekstrak Etanol Batang Sipatah-Patah (*Cissus Quadrangula Salisb.*) Sebagai Antiosteoporosis Pada Tikus (*Rattus norvegicus*) [Disertasi]. Institut Pertanian Bogor.

- Muthusami, S., K. Senthilkumar, C. Vignesh, R. Ilangoan, J. Stanley, N. Selvamurugan, and N. Srinivasan. 2011. Effects of *Cissus quadrangularis* on the Proliferation, Differentiation and Matrix Mineralization of Human Osteoblast Like SaOS-2 Cells. *Journal of Cellular Biochemistry* 112:1035-1045.
- Nguyen TVC, Jones G, Sambrook PN, White GP, Kelly PJ, and Eisman JA, 1995. Effects of estrogen exposure and reproduction factor and bone mineral density and osteoporosis fractures. *J Clin Endocrin Metab* 80(9):2709-2714.
- Palmer N. 1993. Bone and Joints. Di dalam: *Pathology of domestic animal*. Jubb KVF, Kennedy PC and Palmer N, editors. Academic Press, Inc. Harcourt Brace Jovanovich Publishers. San Diego. 1-181.
- Pangestu, Yana. 2014. Pemberian Ekstrak Tanaman Cikal Tulang (*Cissus quadrangularis*) pada Tikus Putih (*Rattus norvegicus*) Ovariectomi Sebagai Hewan Model Osteoporosis Terhadap Kadar Kalsium Darah [Skripsi]. Fakultas Kedokteran Hewan Universitas Airlangga. Surabaya.
- Potu, B.K., M.S. Rao, G.K. Nampurath, M.R. Chamallamudi, S.R. Nayak, H. Thomas. 2009. Anti-osteoporotic Activity of the Petroleum Ether Extract of *Cissus quadrangularis* Linn. in Ovariectomized Wistar Rats. Faculty of Medicine. Kuwait University.
- Pramudiyo, R. 1996. Ilmu Penyakit Dalam Edisi III. Balai Penerbit FKUI. Jakarta. 201-210
- Rachman IA, Baziad A, Jacob TZ, Isbagio H. 1996. Pengobatan estrogen dan progesterone pada osteoporosis pascamenopause. *Majalah Osbtetri dan Ginekologi Indonesia* 20(2):121-127.
- Raisz, L.G. and A. Johannessons. 1984. Pathogenesis, Prevention and Therapy of Osteoporosis, *Journal of Med*, 15:267 – 278.

- Rigalli, A. and Loreto, V.E.D. 2009. *Experimental Surgical Models in the Laboratory Rat*. CRC Press. Taylor and Francis Group. Boca Raton. New York. 149.
- Robin, S. T dan V. Kumar. 2002. *Buku Ajar Patologi I*. ECG Jakarta.
- Rossouw, J.E, Anderson, G.L, and Prentice, R.L. 2002. *Risks and Benefits of Estrogen Plus Progestin in Healthy Post Menopausal Women : Principal Result From The Women's Health Initiative Randomized Controlled Trial*. J. AMA. 288 : 321-333
- Sabri M. 2000. *Pengaruh suplemen rebon dan vitamin D3 terhadap struktur tulang dan kelenjar paratiroid pada tikus penderita osteoporosis buatan [Thesis]*. Pascasarjana UGM, Yogyakarta.
- Sabri, M. 2011. *Aktivitas Ekstrak Etanol Batang Sipatah-patah (Cissus quadrangula Salis) Sebagai Antiosteoporosis pada Tikus (Rattus norvegicus) [Disertasi]*. Institut Pertanian Bogor.
- Seeman, E., Karlsson, M.K., and Duan, Y. 2000. *Exposure to anorexia nervosa, the temporal variation in axial and appendicular skeletal development predisposes to site-specific deficits in bone size and density, a cross-sectional study*. J. of Bone and Mineral Res. 5 : 2259-2265
- Shah, U. 2011. *Cissus quadrangularis L.: Phytochemicals, Traditional Uses And Pharmacological Activities - A Review Vol. 3*. International Journal Of Pharmacy And Pharmaceutical Sciences. India.
- Shin HD, Kun J Y, Bok RP, Chang WS, Hee JJ, Sae KK. 2007. *Antiosteoporotic effect of polycan, glucan from Aureobasidium, in ovariectomized osteoporotic mice*. J Nutr 23: 853-860.

- Shirwaikar, A.N., S. Khan, and S. Malini. 2003. Antiosteoporotic effect of ethanol extract of *Cissus quadrangularis* Linn. on ovariectomized rat. *J. Ethnopharmacol.* 89:245-250.
- Sivarajan VV, Balachandran I. 1994. *Ayurvedic Drugs and Their Plant Sources.* Oxford and India Book House Publishing Co. Pvt. Ltd. New Delhi. hlm. 496.
- Steel, R.G.D. and J.H. Torrie. 1993. *Prinsip dan Prosedur Statistika (Suatu Pendekatan Biometrik).* PT. Gramedia Pustaka Utama. Jakarta. 168-178;225-227.
- Subowo, 1992. *Histologi Umum.* Cetakan I. Bumi Aksara. Jakarta.
- Suarsana, Nyoman, I Dharmawan, I Gorda, dan B Pontjo P. 2011. Tepung Tempe Kaya Isoflavon Meningkatkan Kadar Kalsium, Posfor dan Estrogen Plasma Tikus Betina Normal. Vol. 12 No. 3: 229-234.
- Turner, C. D. dan J. T. Bagnara. 1988. *Endokrinologi Umum Edisi VI.* Airlangga University Press. Surabaya.
- Versteegh-Kloppenburgh J. 2006. *Tanaman berkhasiat Indonesia.* IPB Press. Soegiri J dan Nawangsari, penerjemah. volume 1. Jakarta.
- Wicaksono, S. 2011. Pengaruh Ekstrak Daun Pegagan (*Centella Asitica*) Terhadap Kadar Kalsium Darah Tikus Putih (*Rattus Norvegicus*) Pasca Ovariectomi [Skripsi]. Fakultas Kedokteran Hewan. Universitas Airlangga.
- Willard, M. D., H. Tvedten and G. H. Turnwald. 1994. *Small Animal Clinical Diagnosis by Laboratory Methods.* 2nd Edition. W. B. Saunders Co. USA.
- Yudaniayanti, I. S. 2005. Aktifitas Alkalin Fosfatase pada Proses Kesembuhan Tulang Femur dengan Terapi CaCO₃ Dosis Tinggi pada Tikus Jantan (*Sparague dawley*). *Media Kedokteran Hewan.* 21:1.

Yuniarti, W.M., I.S. Yudanayanti dan N. Triakoso. 2008. Pengaruh Pemberian Suplemen Kalsium Karbonat Dosis tinggi Pada Tikus Ovariohistrektomi terhadap Mineralisasi Ginjal. Jurnal veteriner. Vol. 9 (2): 733-7.